

What is claimed is:

1. A system for generating an executable procedure, comprising:
a repository including spreadsheet representative data including stored
data elements determining characteristics of an executable procedure;
5 an executable application for processing said spreadsheet representative
data to provide an executable procedure with characteristics determined by said data
elements and for use in processing data using said data elements; and
a command processor for initiating execution of said executable procedure
in response to user command.

10 2. A system according to claim 1, wherein
said executable procedure processes data in a database using said data
elements to provide updated data for storage in said database.

15 3. A system according to claim 1, wherein
said executable procedure characteristics determined by said data
elements comprise at least one of, (a) programming language structural features, (b)
structure of sub-procedures in said executable procedure and (c) a process performed by a
sub-procedure in said executable procedure.

20 4. A system according to claim 1, wherein
said executable application processes said spreadsheet representative data
to provide an executable procedure for updating a data item in a database using one of
said data elements to replace a prior corresponding data element of a predetermined
25 computation formula.

30 5. A system according to claim 1, wherein
said prior corresponding data element of said predetermined computation
formula comprises at least one of, (a) a factor used as a multiplier in said computation
formula, (b) a constant in said computation formula, (c) a threshold value identifying
whether said computation formula applies, (d) a threshold value identifying whether a
portion of said computation formula applies.

6. A system according to claim 1, wherein
said executable application processes said spreadsheet representative data
to provide an executable procedure by updating a data item in said database by replacing
said data item with one of said data elements.

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7. A system according to claim 1, wherein
said executable application is a Script for generating programming
language code comprising code in at least one of, (a) C++, (b) Java, (c) HTML, (d) XML
and(e) SGML.

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8. A system for updating data items in a database, comprising:
a repository including spreadsheet representative data including stored
data elements;

15 an executable application for processing said spreadsheet representative
data to provide an executable procedure for updating a data item in a database using one
of said data elements to replace a prior corresponding data element of a predetermined
computation formula to provide an updated computation formula; and

a command processor for initiating execution of said executable procedure
in response to user command.

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9. A system according to claim 1, wherein
said execution of said executable procedure re-computes a value of said
data item using said updated computation formula and updates said data item in said
database with said re-computed value.

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10. A system for generating an executable procedure, comprising:
a repository including spreadsheet representative data including stored data elements;

an executable application for processing said spreadsheet representative data to provide an executable procedure for updating a data item in a database by

using one of said data elements to replace a prior corresponding data element of a predetermined computation formula to provide an updated computation formula and

re-computing a value of said data item using said updated computation formula; and

a storage processor for updating said data item in said database with said re-computed value.

11. A method for generating an executable procedure, comprising the activities of:

storing spreadsheet representative data including stored data elements
determining characteristics of an executable procedure;

processing said spreadsheet representative data to provide an executable procedure with characteristics determined by said data elements and for use in processing data using said data elements; and

initiating execution of said executable procedure in response to user command.

12. A method for updating data items in a database, comprising the activities:

storing spreadsheet representative data including stored data elements;
processing said spreadsheet representative data to provide an executable procedure for updating a data item in a database using one of said data elements to replace a prior corresponding data element of a predetermined computation formula to

provide an updated computation formula; and

initiating execution of said executable procedure in response to user command.

13. A method for updating data items in a database, comprising the activities of:

- storing spreadsheet representative data including stored data elements;
- processing said spreadsheet representative data to provide an executable
- 5 procedure for updating a data item in a database;
- using one of said data elements to replace a prior corresponding data element of a predetermined computation formula to provide an updated computation formula;
- re-computing a value of said data item using said updated computation
- 10 formula; and
- updating said data item in said database with said re-computed value.